PATENT COOPERATION TREATY

From th INTER		NAL SEARCHIN	NG AUTHOR	ITY		"NS,
То:						PCT PCT
						ITTEN OPINION OF THE ONAL SEARCHING AUTHORITY
						(PCT Rule 43bis.1)
					Date of mailing (day/month/year)	See form PCT/ISA/210
Applica	int's or a	gent's file referen	ce		FOR FURTHER A	CTION
306	475					See paragraph 2 below
		plication No. 2004/052	636	International filing date 22.10.2004	(day/month/year)	Priority date (day/month/year) 03.11.2003
			•	rational classification an F02M51/06	d IPC	
Applica ROE		BOSCH G	мвн	-		
J.	This	opinion contains i	ndications rela	ting to the following item	s:	
	$\boxtimes$	Box No. I	Basis of the			
	$\boxtimes$	Box No. II	Priority	оришон		
	$\sqcap$	Box No. III	_	shment of opinion with re	gard to novelty inventi	ve step and industrial applicability
	$\Box$	Box No. IV		y of invention	<u></u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	$\boxtimes$	Box No. V	Reasoned st			novelty, inventive step or industrial ement
		Box No. VI	Certain doc	uments cited		
	Ш	Box No. VII	Certain defe	ects in the international ap	plication	
		Box No. VIII	Certain obse	ervations on the internatio	nal application	
2.	FUR'	THER ACTION				
	If a ( Interr than t	demand for international Preliminathis one to be the	ry Examining IPEA and the	Authority ("IPEA") excep	ot that this does not app I the International Bur	I be considered to be a written opinion of the object of the applicant chooses an Authority other au under Rule 66.1 bis(b) that written opinions of
	writte	n reply together.	where approp		before the expiration	Let the applicant is invited to submit to the IPEA of 3 months from the date of mailing of Fornexpires later.
	For fo	rther options, see	Form PCT/IS	A/220.		
3.	For fu	arther details, see	notes to Form	PCT/ISA/220.		
Name a	ınd mail	ing address of the	ISA/EP		Authorized officer	
Facsimi	ile No				Telephone No	

International application No.
PCT/EP2004/052636

Box	No. I	Basis of this opinion
1.		regard to the language, this opinion has been established on the basis of the international application in the language in which it was unless otherwise indicated under this item.
		This opinion has been established on the basis of a translation from the original language into the following language . which is the language of a translation furnished for the purposes of international search (under
	-	Rule 12.3 and 23.1(b)).
2.		regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed attion, this opinion has been established on the basis of:
	a.	type of material
		a sequence listing
		table(s) related to the sequence listing
	b.	format of material
		in written format
		in computer readable form
	c.	time of filing/furnishing
		contained in the international application as filed.
		filed together with the international application in computer readable form.
		furnished subsequently to this Authority for the purposes of search.
3.		In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Addi	tional comments:

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Во	x No. II	Priority
1.	The f	following document has not yet been furnished:
	$\boxtimes$	copy of the earlier application whose priority has been claimed (Rule 43bis.1 and 66.7(a)).
		translation of the earlier application whose priority has been claimed (Rule 43bis.1 and 66.7(b)).
	Conse the ass	equently it has not been possible to consider the validity of the priority claim. This opinion has nevertheless been established on sumption that the relevant date in the claimed priority date.
2.	(Rule	opinion has been established as if no priority had been claimed due to the fact that the priority claim has been found invalides 43bis.1 and 64.1). Thus for the purposes of this opinion, the international filing date indicated above is considered to be the ant date.
3.	Additional	observations, if necessary:

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Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applie citations and explanations supporting such statement				
1.	Statement			
	Novelty (N)	Claims	2,3	YES
		Claims	1,4-7	NO
	Inventive step (IS)	Claims		YES
		Claims	1-7	NO
	Industrial applicability (IA)	Claims	1-7	YES
		Claims		NO

2. Citations and explanations:

#### Independent claim 1

- The subject matter in claim 1 of the present application cannot be regarded as novel for the following reasons (PCT Article 33(2)):
- 1.1. The following features in claim 1 are already known, for example from the closest prior art D1: US 4621788:

valve 10 for controlling a fluid, especially for controlling a gas, said valve comprising a valve housing 14 having a housing sleeve (48,50) and an electromagnetic actuating unit 30 for an armature 28 that is guided in an axially displaceable manner and co-operates with a valve seat 26 formed on a valve plate 24, such that a fluid flow through outlet openings 26 of the seat plate 24 can be controlled, wherein the armature 28 is guided on an armature sleeve 16 arranged in the housing sleeve (48,50).

(D1: column 1, lines 6 to 19; column 2, lines 20 to 65; and figures 1 and 2).

Box No. V

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

The subject matter of claim 1 is therefore not novel (PCT Article 33(2)).

1.2. The features in claim 1 are also already known from documents D2: US 6089467 (column 4, line 64 to column 6, line 56, and figures 1 to 9); D3: US 4331317 (column 2, line 20 to column 4, line 30, and figures 1 to 4); D4: US 5232167 (column 2, line 20 to column 5, line 56, and figures 1 and 2); D5: DE 19503736 (column 1, lines 33 to 66, and figures 1 to 5); D6: US 6422488 (column 4, line 11 to column 10, line 6, and figures 1 to 10); D7: US 5197672 (column 1, line 67 to column 5, line 9, and figures 1 to 4); and D8: EP 0661444 (column 3, line 46 to column 10, line 6, and figures 1 to 7).

#### Dependent claims 2 to 7

2. Dependent claims 2 to 7 do not contain any features which, in combination with the features of any claim to which they refer back, satisfy the PCT inventive step requirements, because the features in these dependent claims merely concern simple and obvious measures that a person skilled in the art would routinely take on the basis of familiar considerations and that do not constitute an inventive step. The additional features of these dependent claims are also known in part from the search report citations, as described below.

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	INTERNATIONAL SEARCHING AUTHORITY PC1/EP2004/0526	36
Box No. V	Reasoned statement under Rule 43bis. I(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	
2.1.	The additional features of dependent claim 4 are	
	already known from D1 (figure 1).	
2.2.	The additional features of dependent claims 5 to 7	
	are already known from D2 (figure 2).	
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